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OPTICAL METHOD FOR EVALUATING
SURFACE AND PHYSICAL PROPERTIES OF
STRUCTURES MADE WHOLLY OR PARTIALLY
FROM FIBERS, FILMS, POLYMERS ...
Applicant: Pourdeyhimi
Atty Docket: 297/180

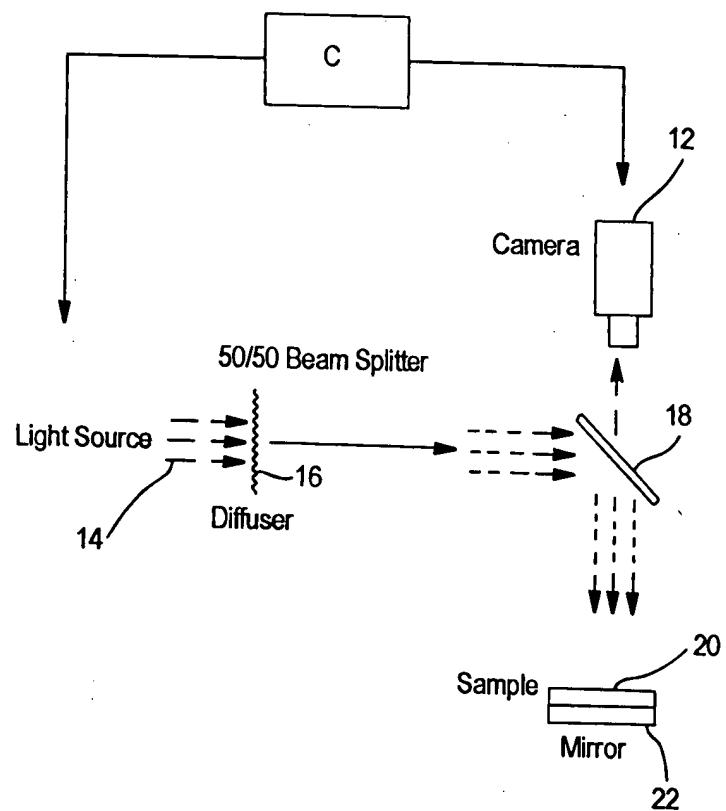


FIG. 1A

Title: OPTICAL METHOD FOR EVALUATING
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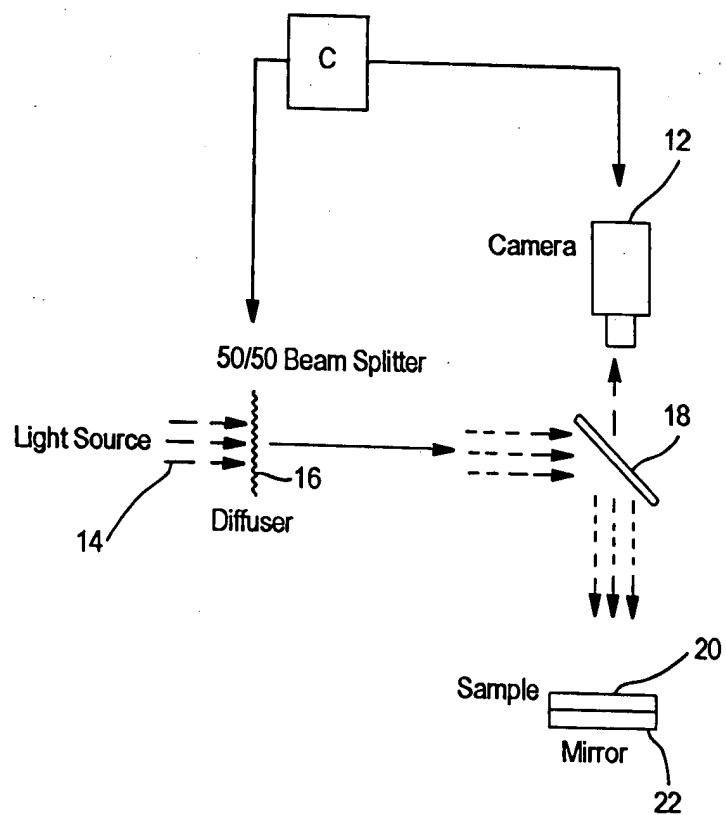


FIG. 1B

Title: OPTICAL METHOD FOR EVALUATING
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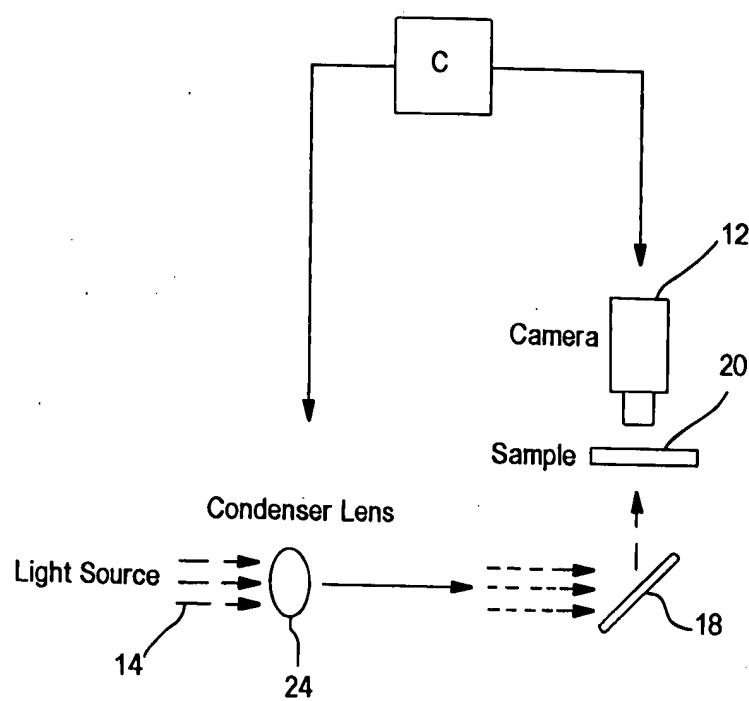


FIG. 1C

Title: OPTICAL METHOD FOR EVALUATING
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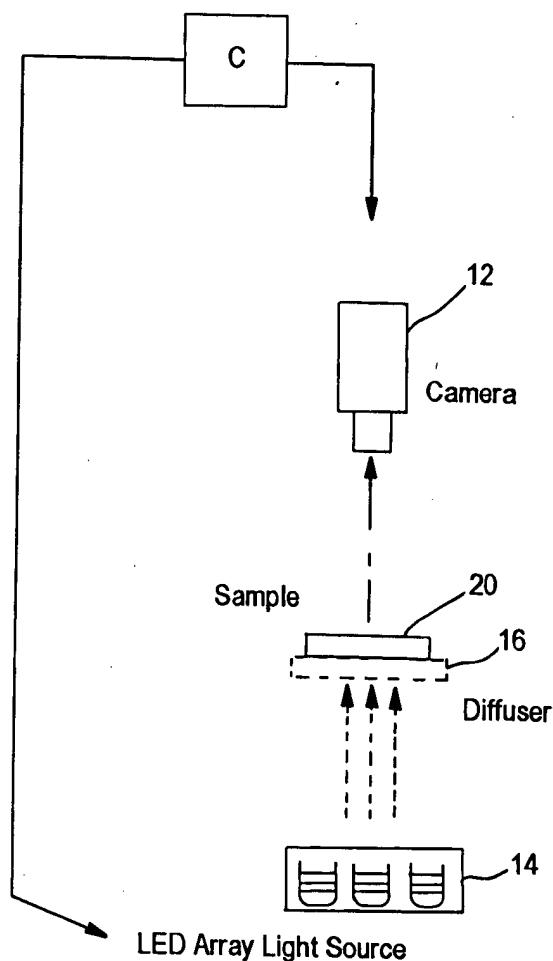


FIG. 1D

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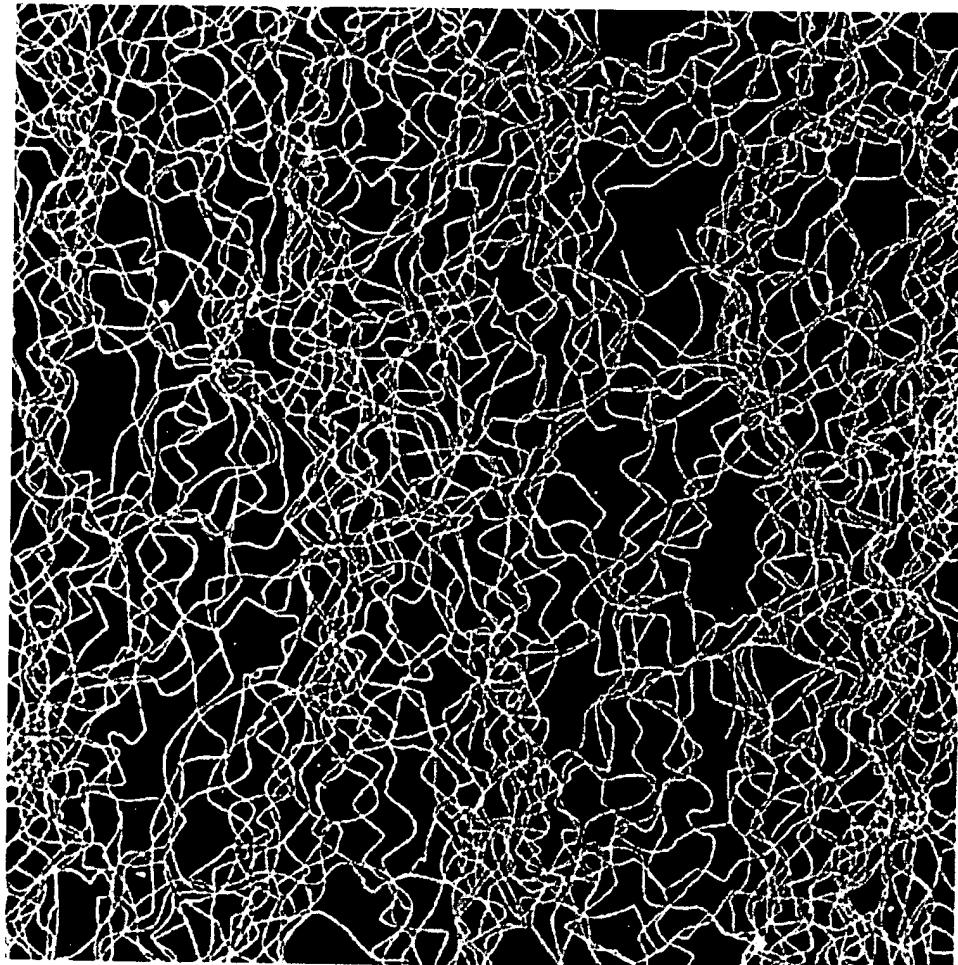


FIG. 2

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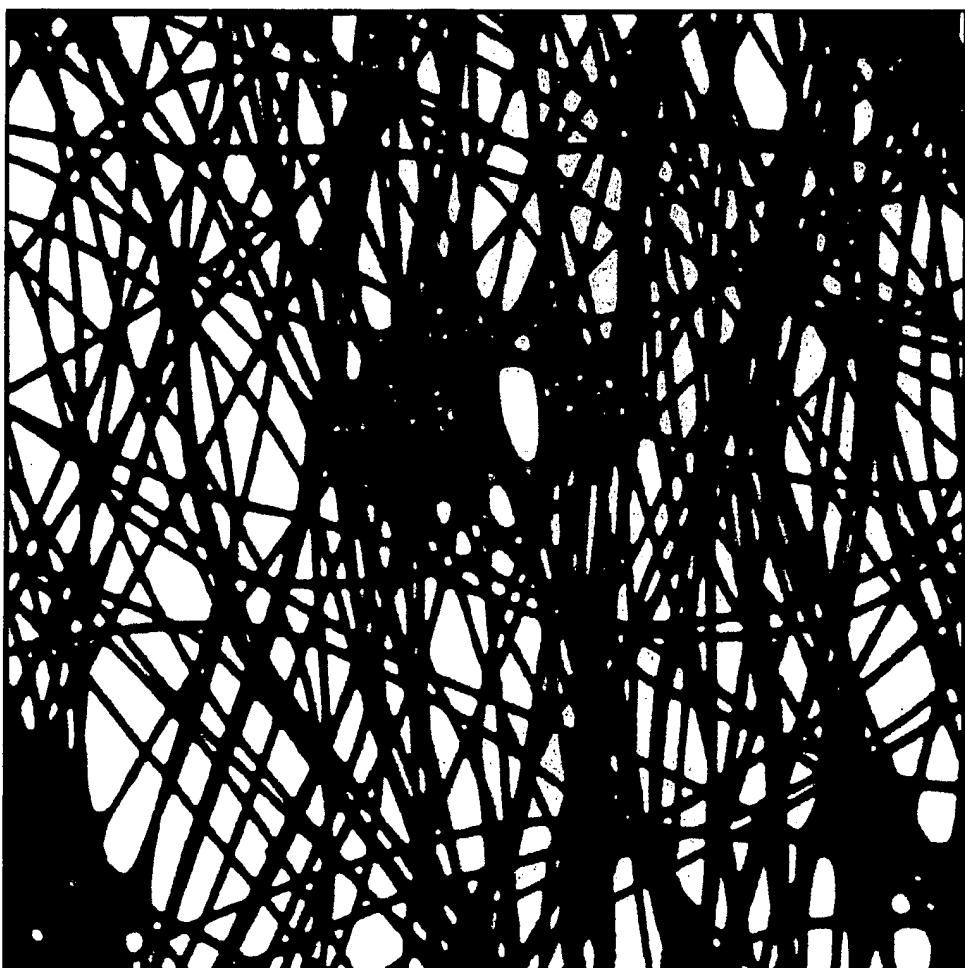


FIG. 3

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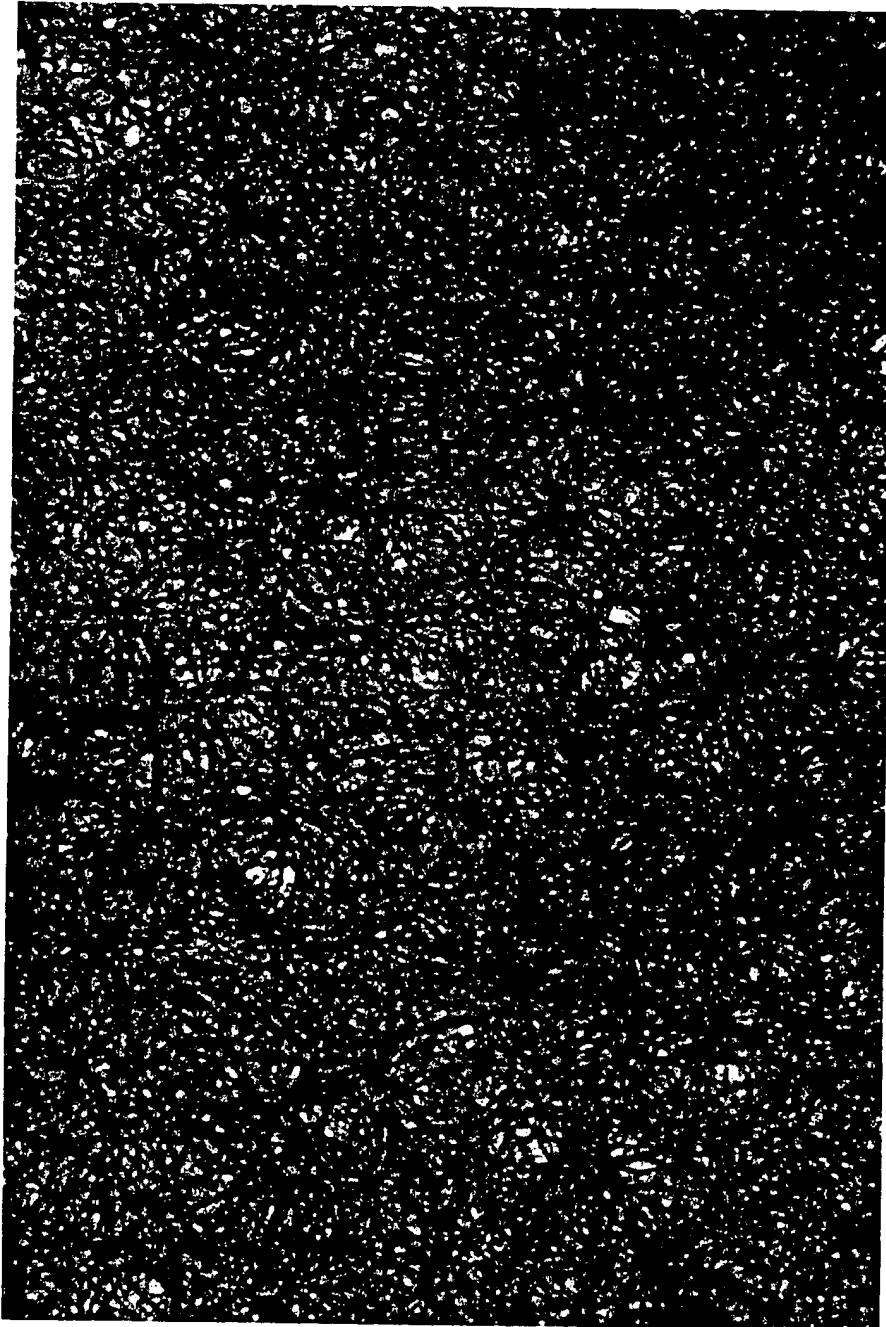
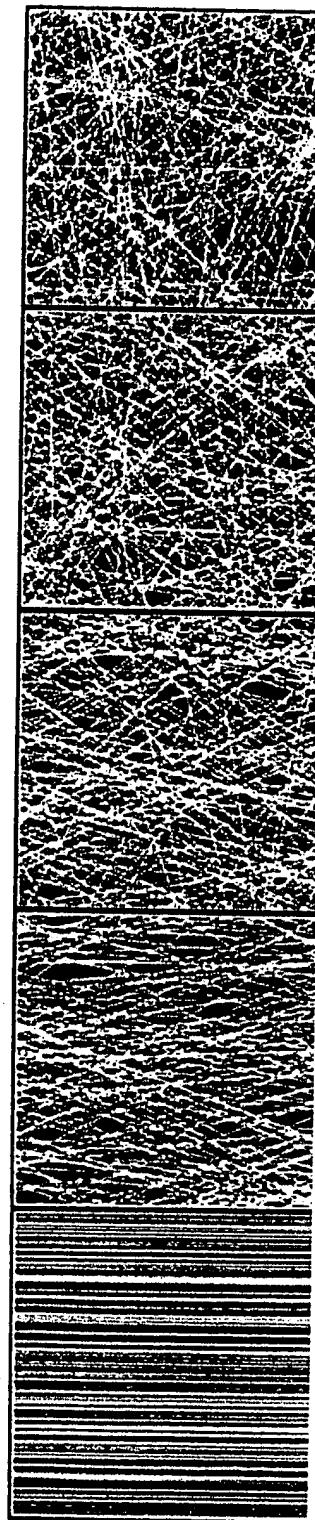
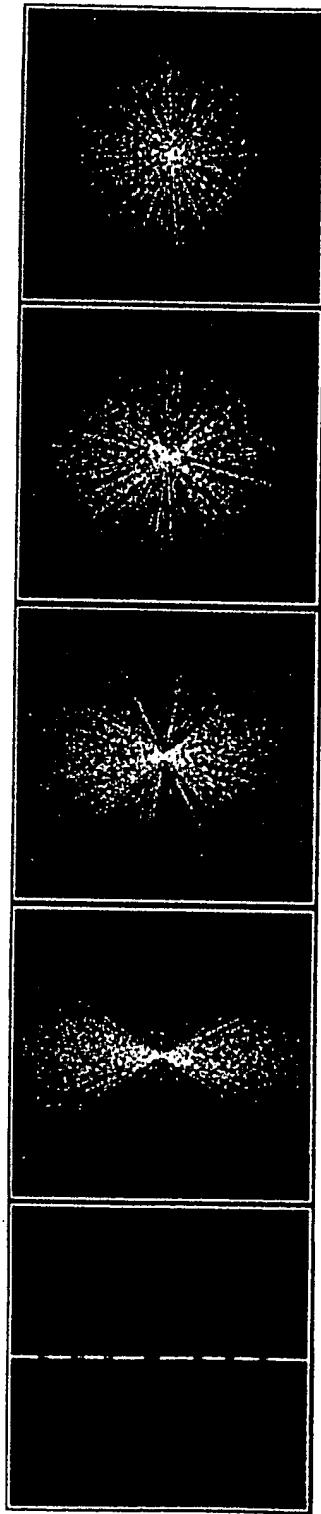


FIG. 4



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Mean	= 90						
Stddev	= 0	Stddev	= 15	Stddev	= 30	Stddev	= 45

Random

FIG. 5A FIG. 5B FIG. 5C FIG. 5D FIG. 5E

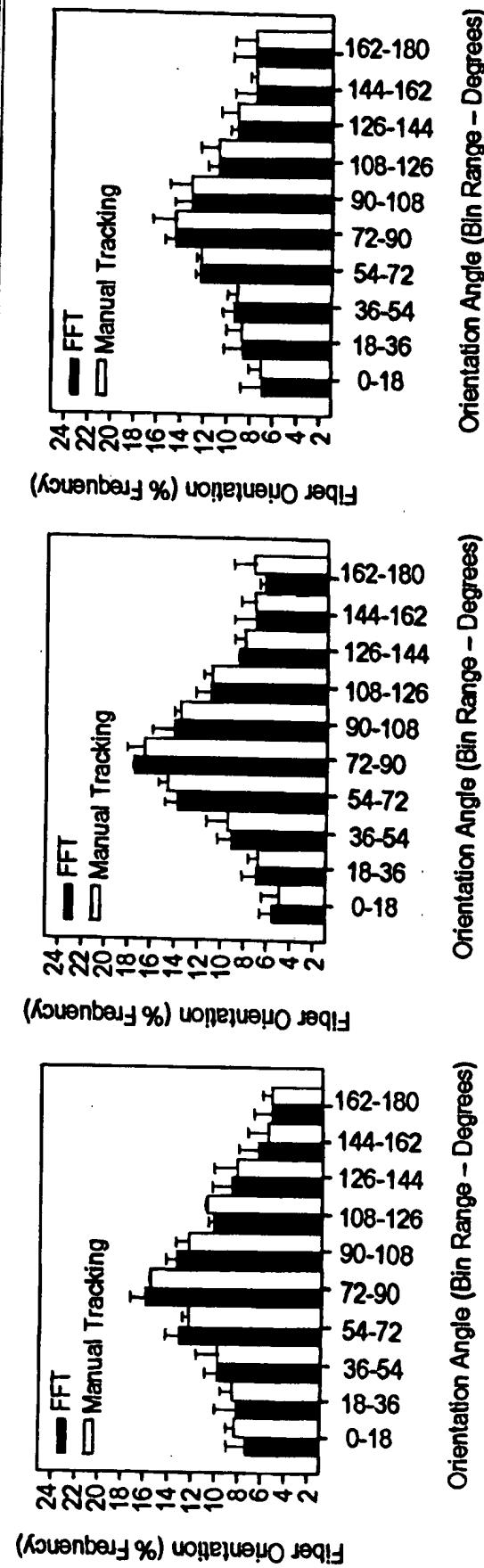
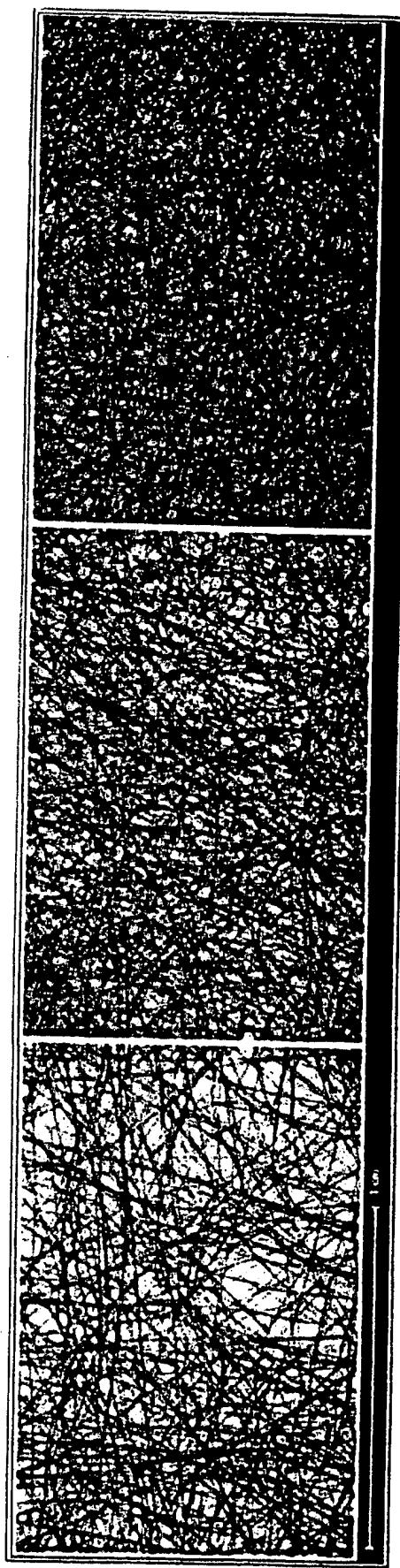


FIG. 6A

FIG. 6B

FIG. 6C

Orientation Angle (Bin Range - Degrees)

Orientation Angle (Bin Range - Degrees)

Orientation Angle (Bin Range - Degrees)

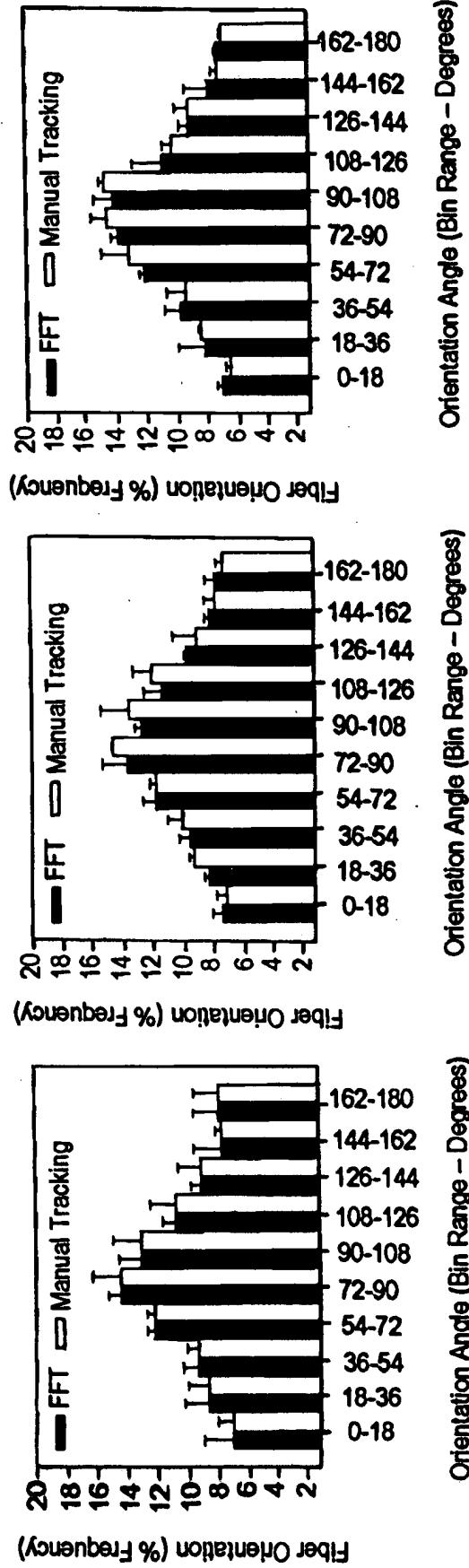
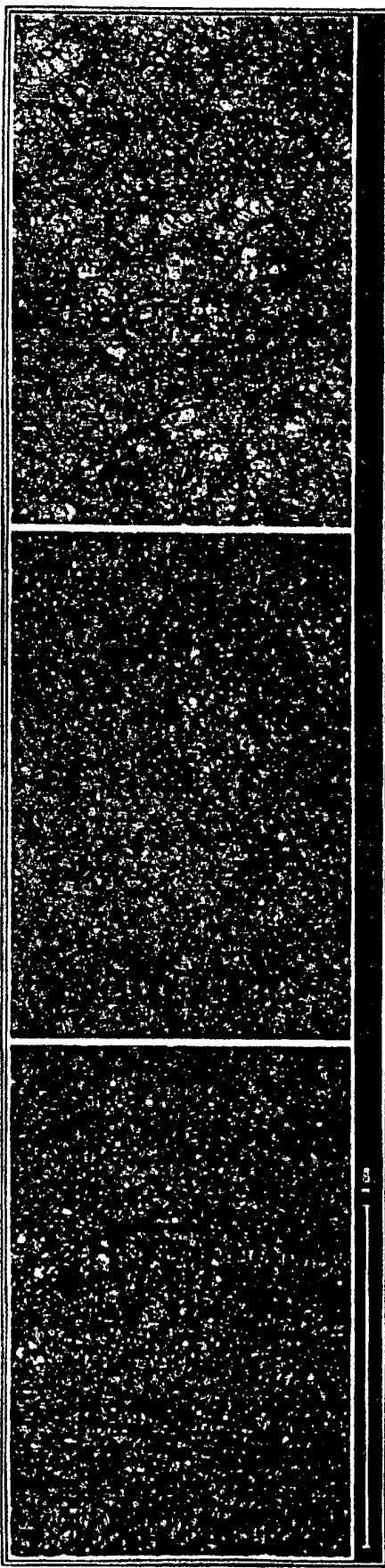
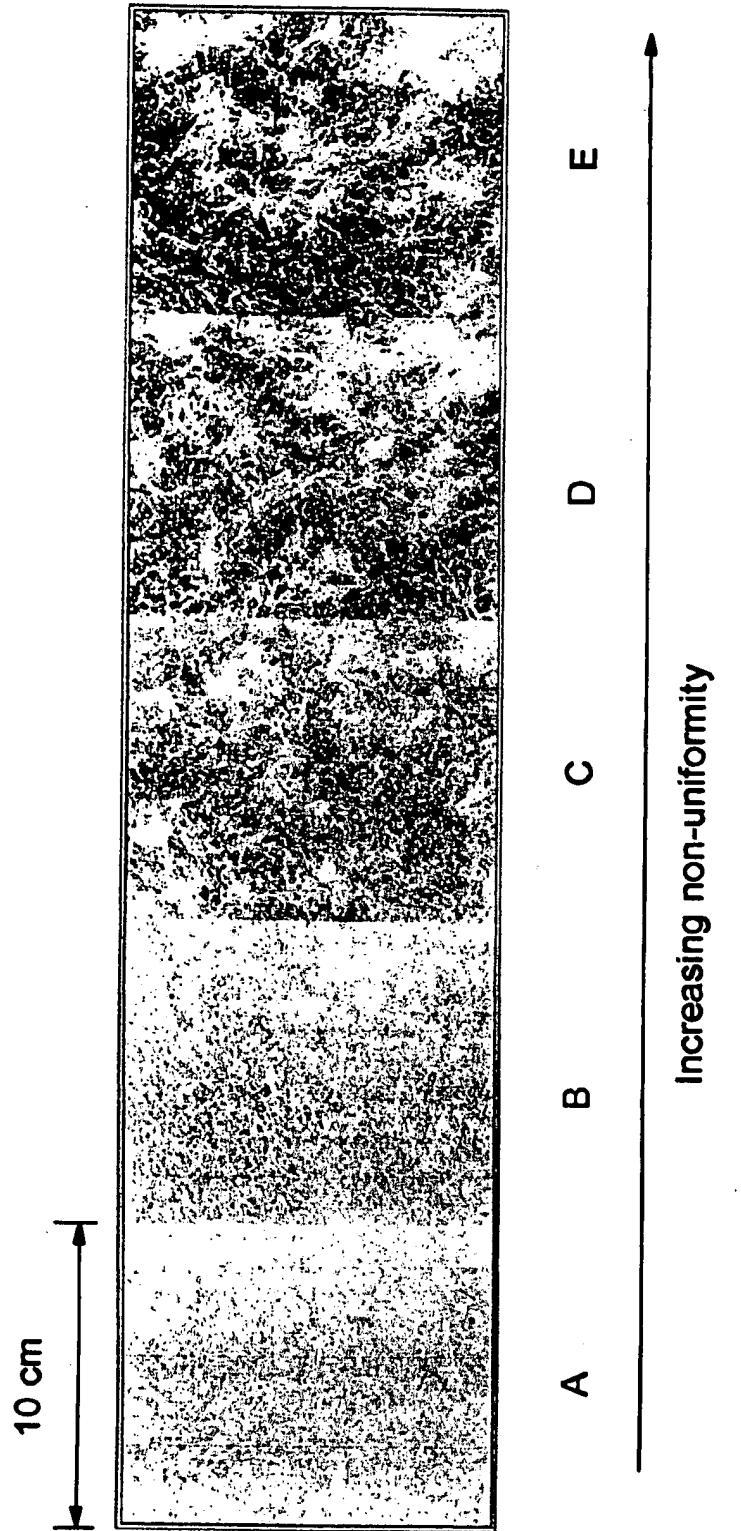


FIG. 7A

FIG. 7B

FIG. 7C

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Increasing non-uniformity

FIG. 8

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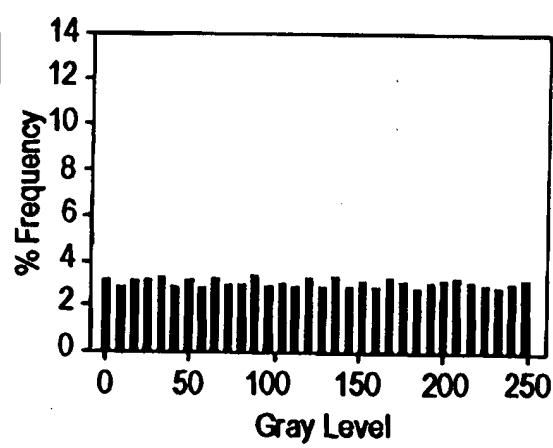
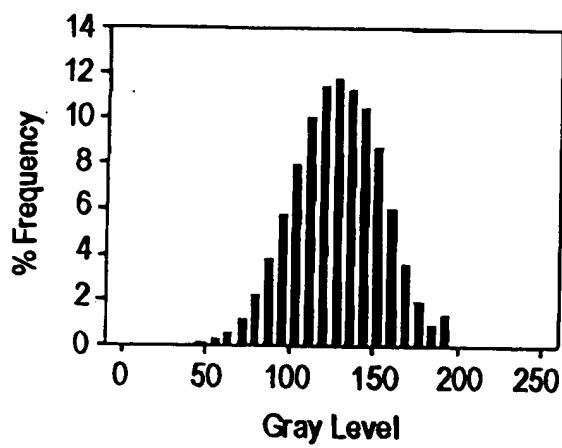
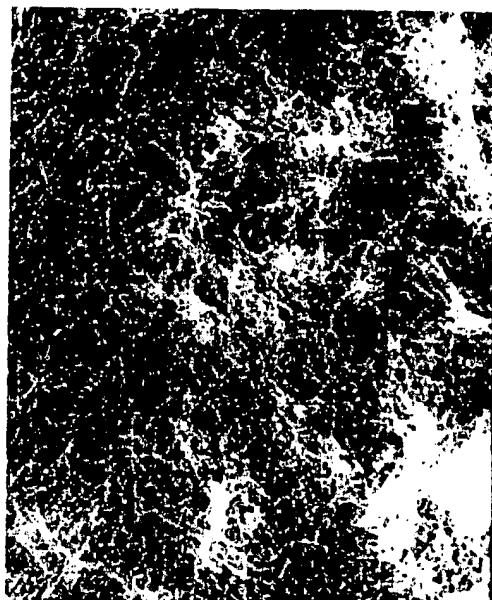
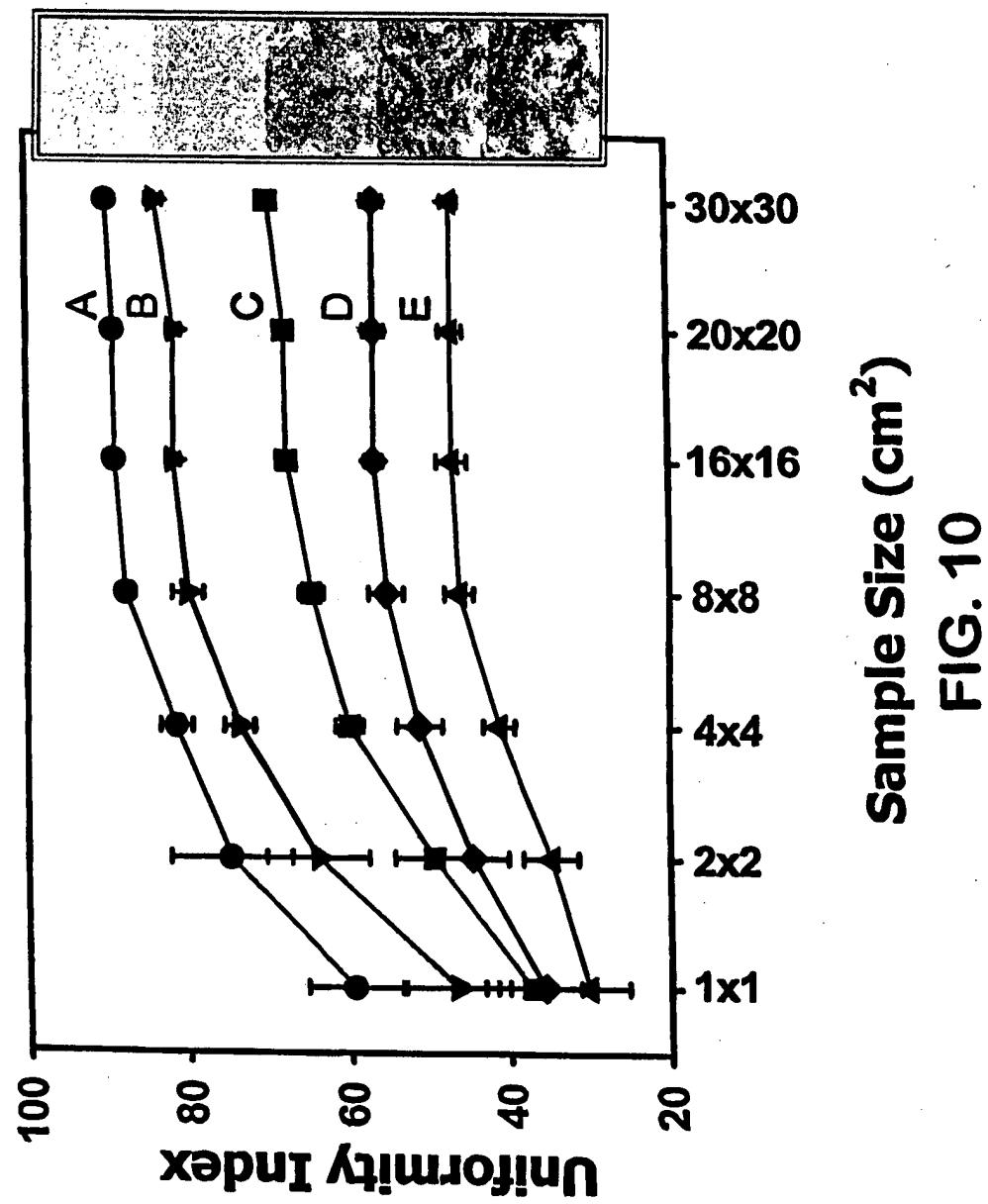


FIG. 9A

FIG. 9B



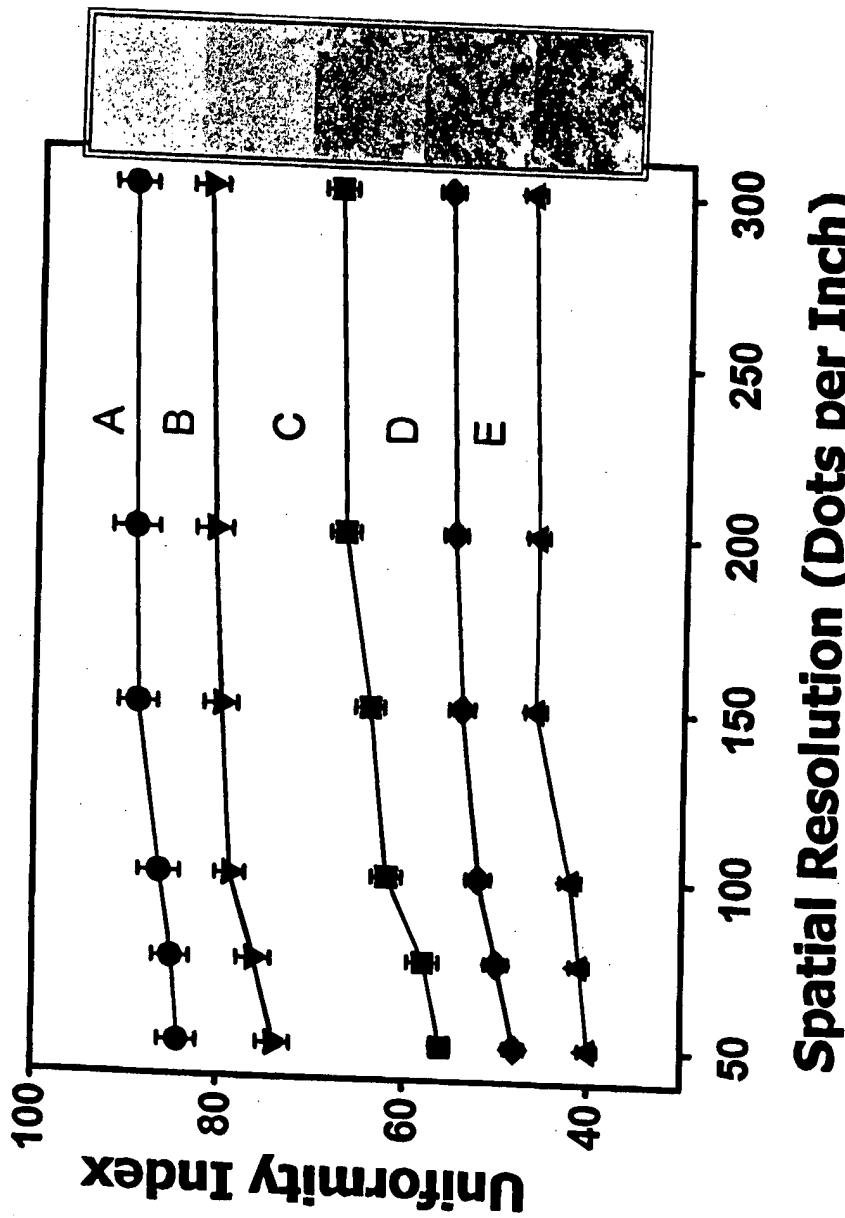
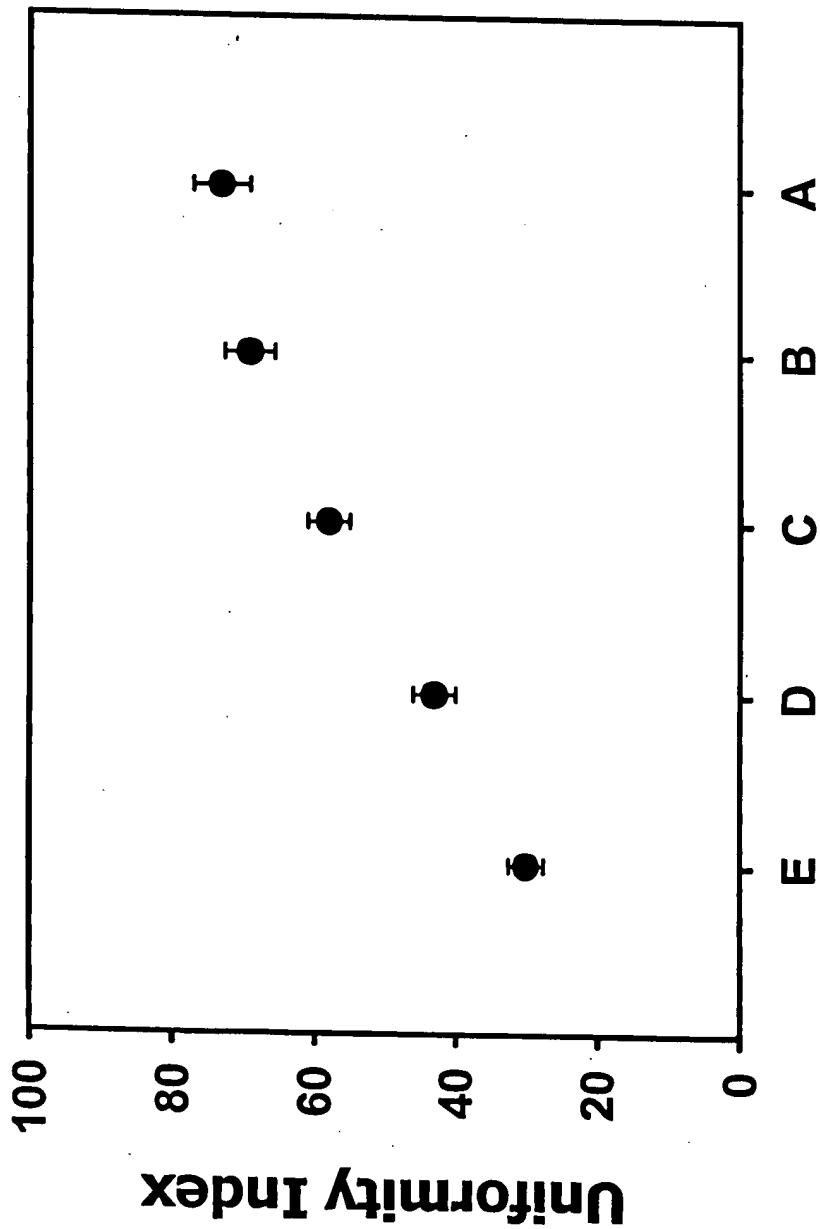


FIG. 11

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Samples
FIG. 12

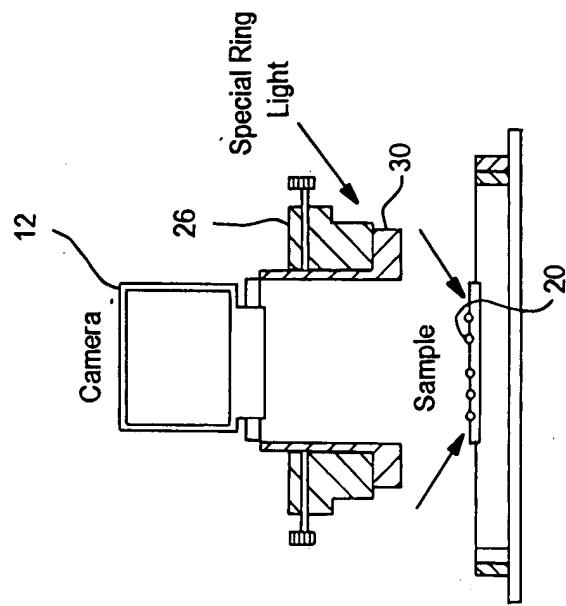


FIG. 13B

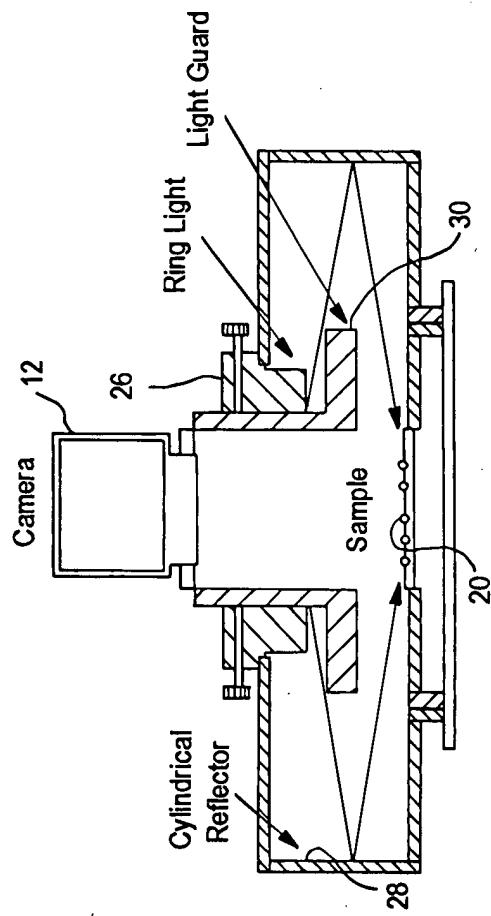


FIG. 13A

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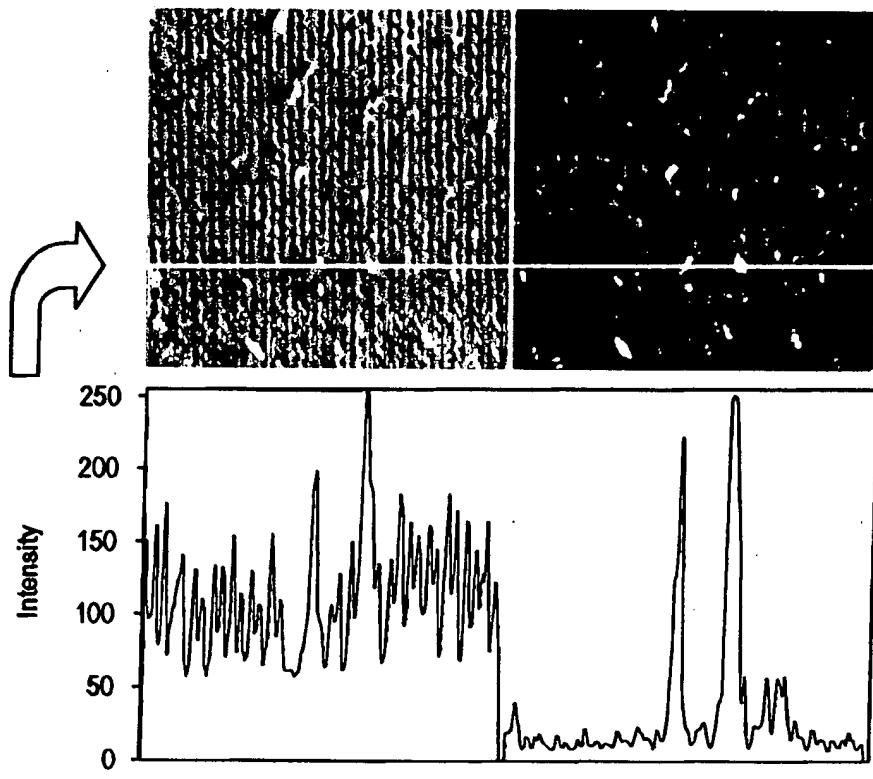


FIG. 14

Title: OPTICAL METHOD FOR EVALUATING
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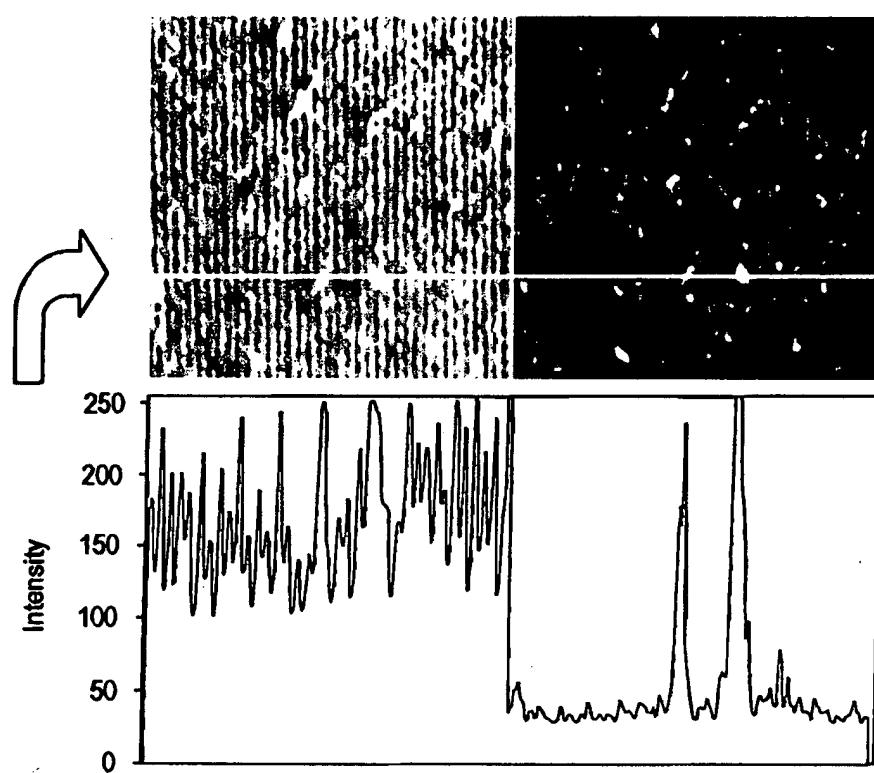


FIG. 15

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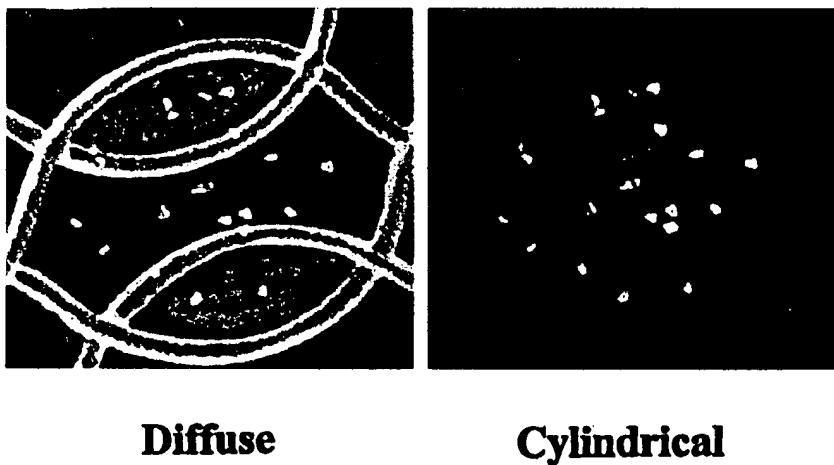


FIG. 16

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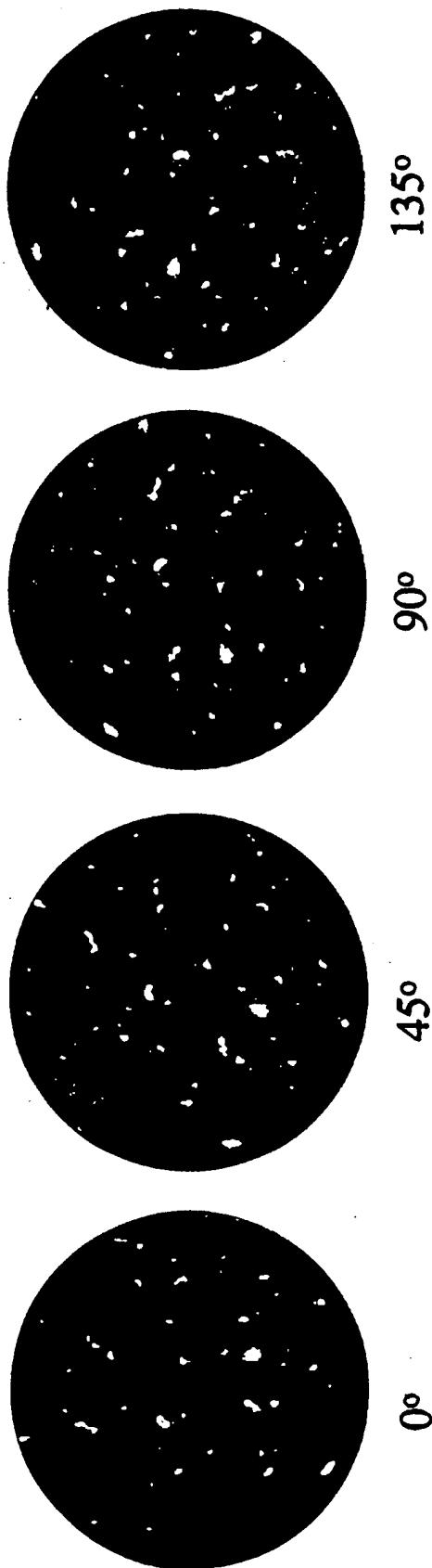


FIG. 17

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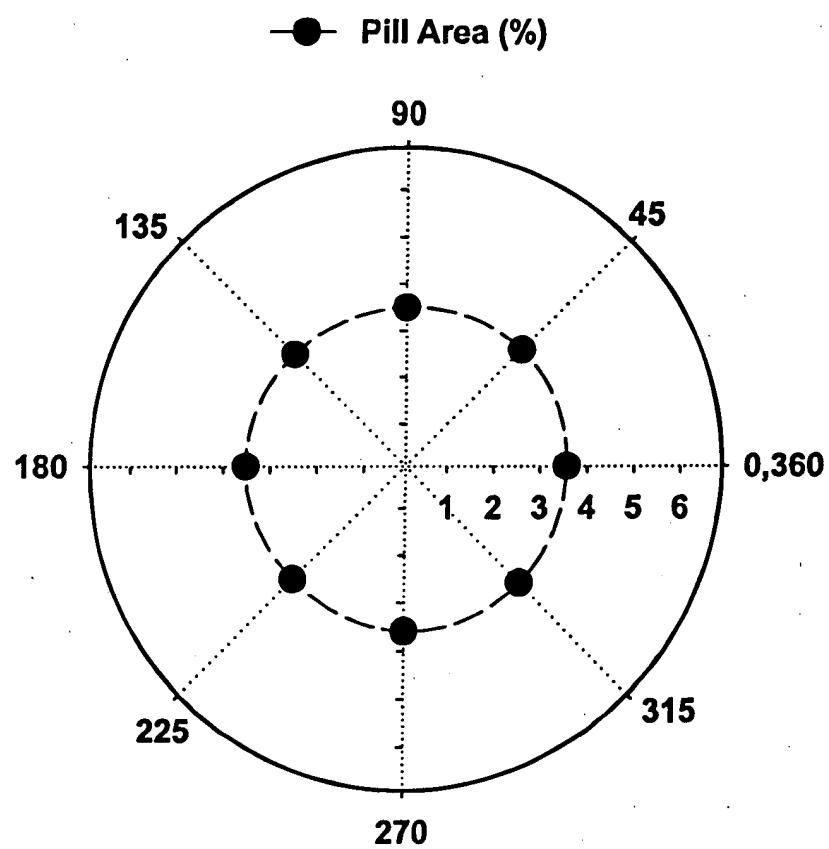


FIG. 18

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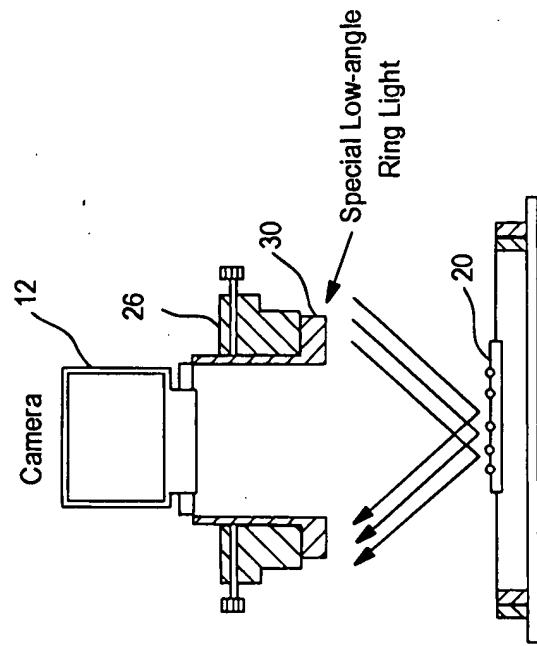


FIG. 19B

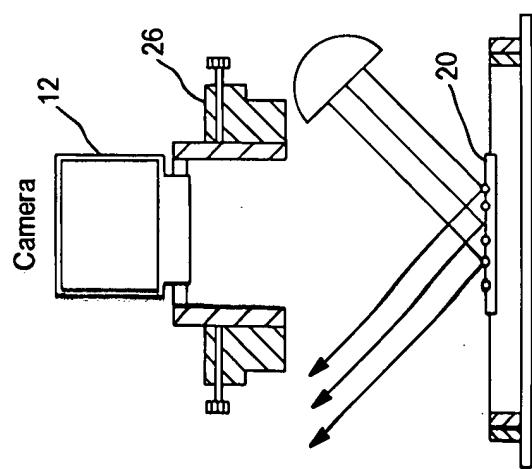


FIG. 19A

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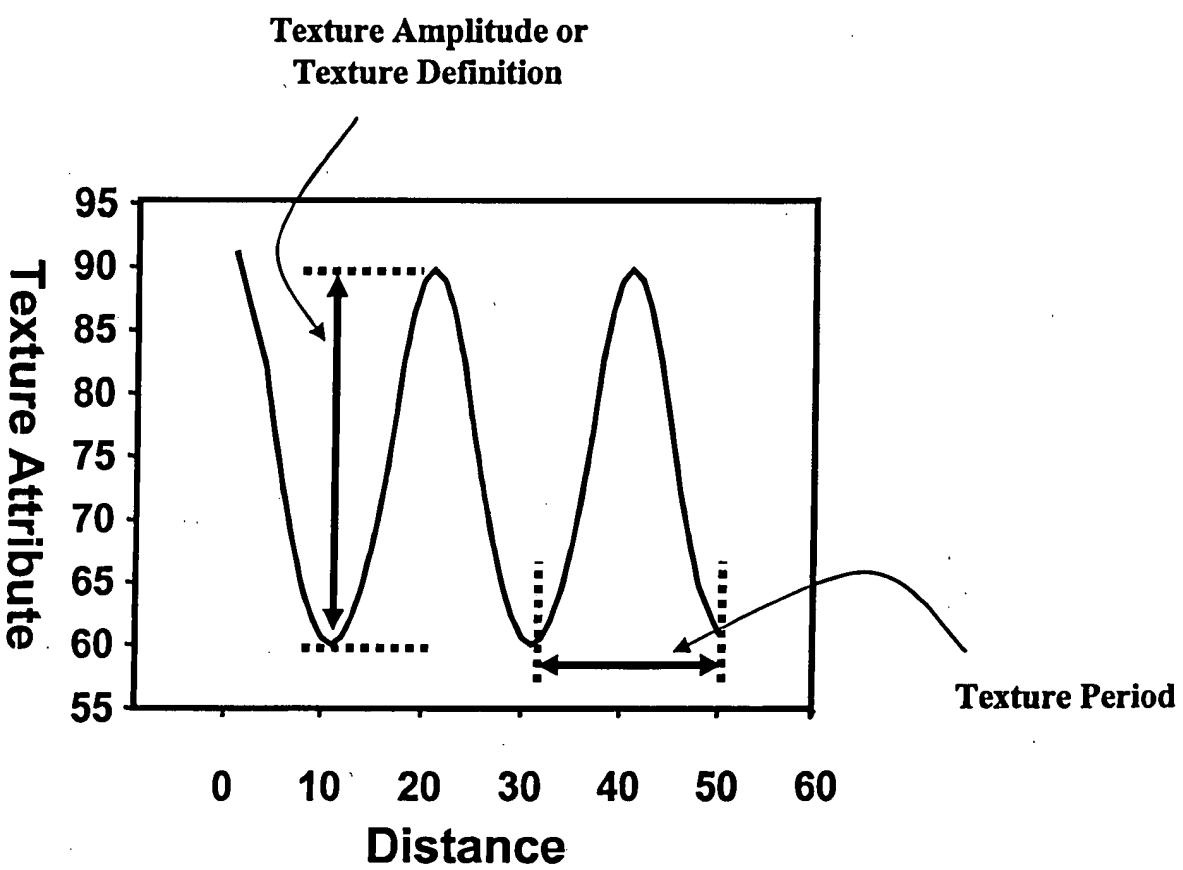


FIG. 20

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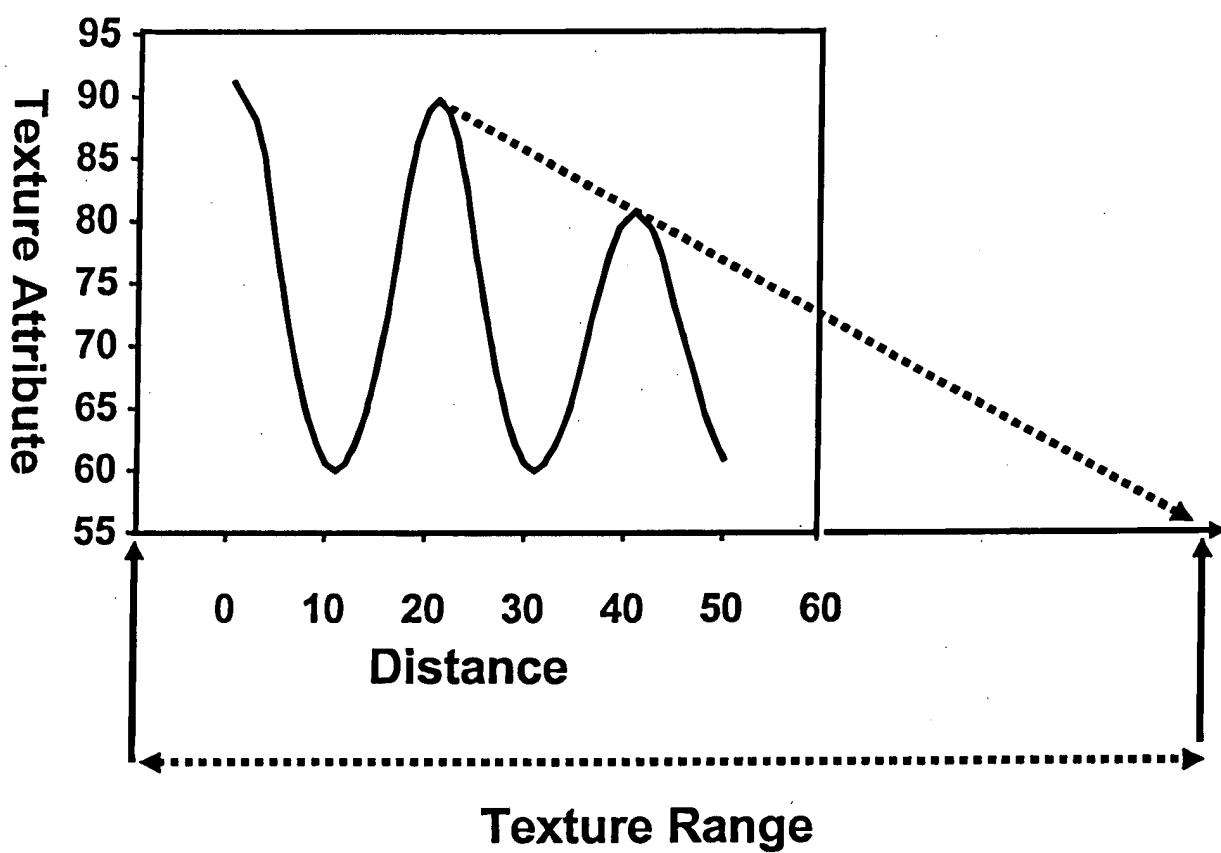


FIG. 21

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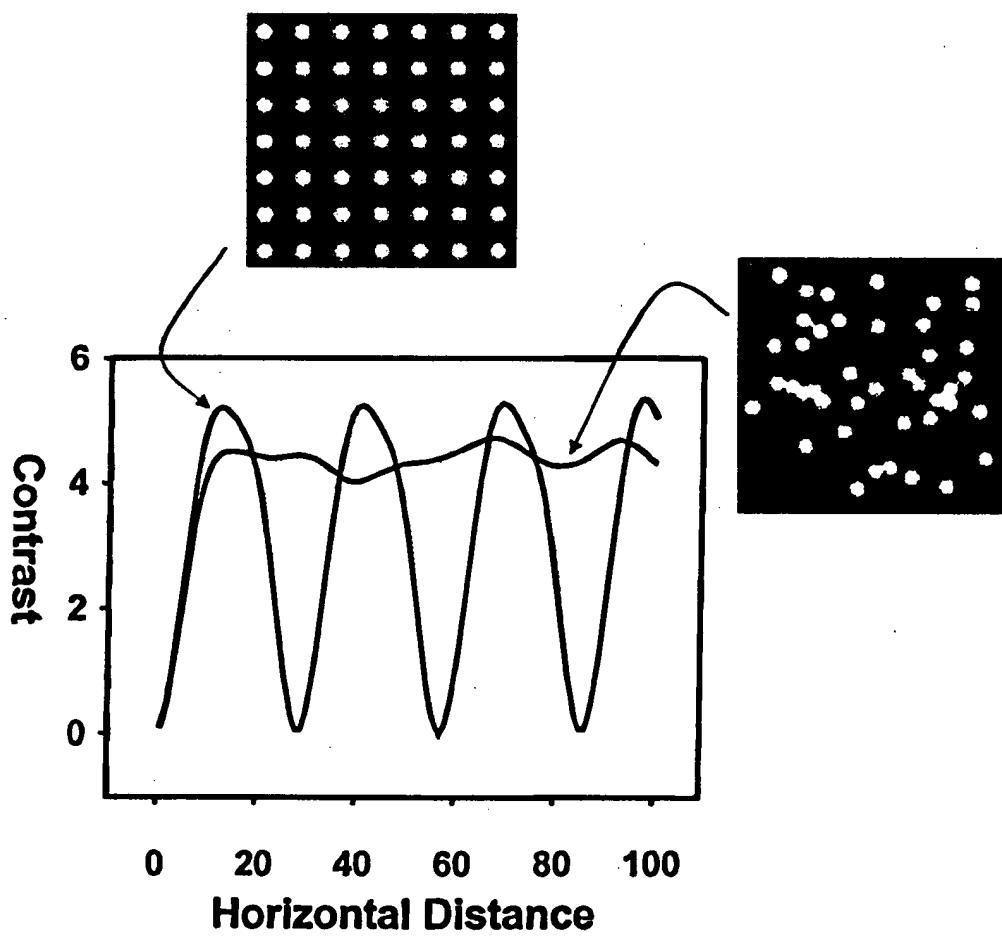


FIG. 22

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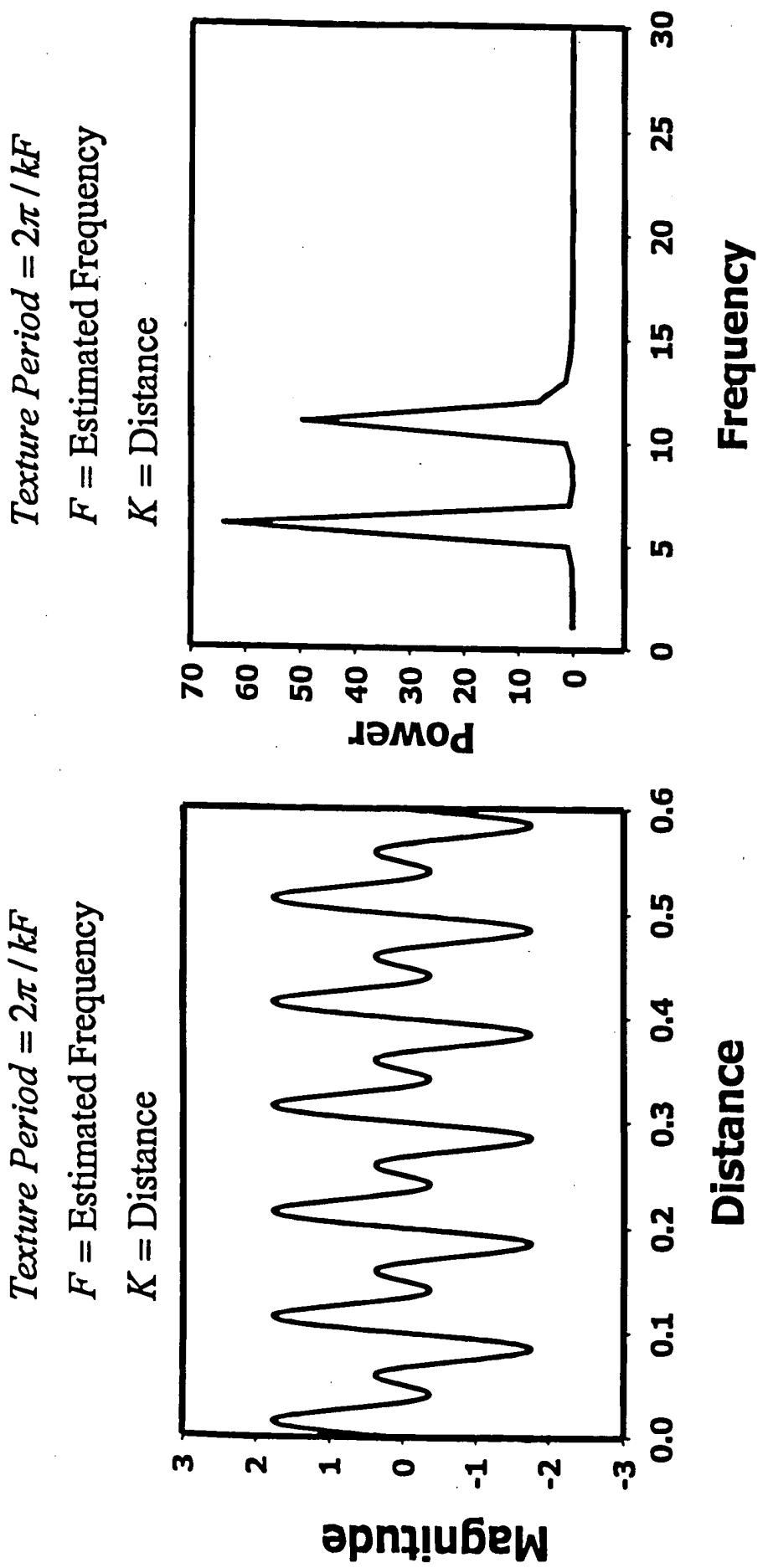


FIG. 23A

FIG. 23B

Title: OPTICAL METHOD FOR EVALUATING
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Atty Docket: 297/180

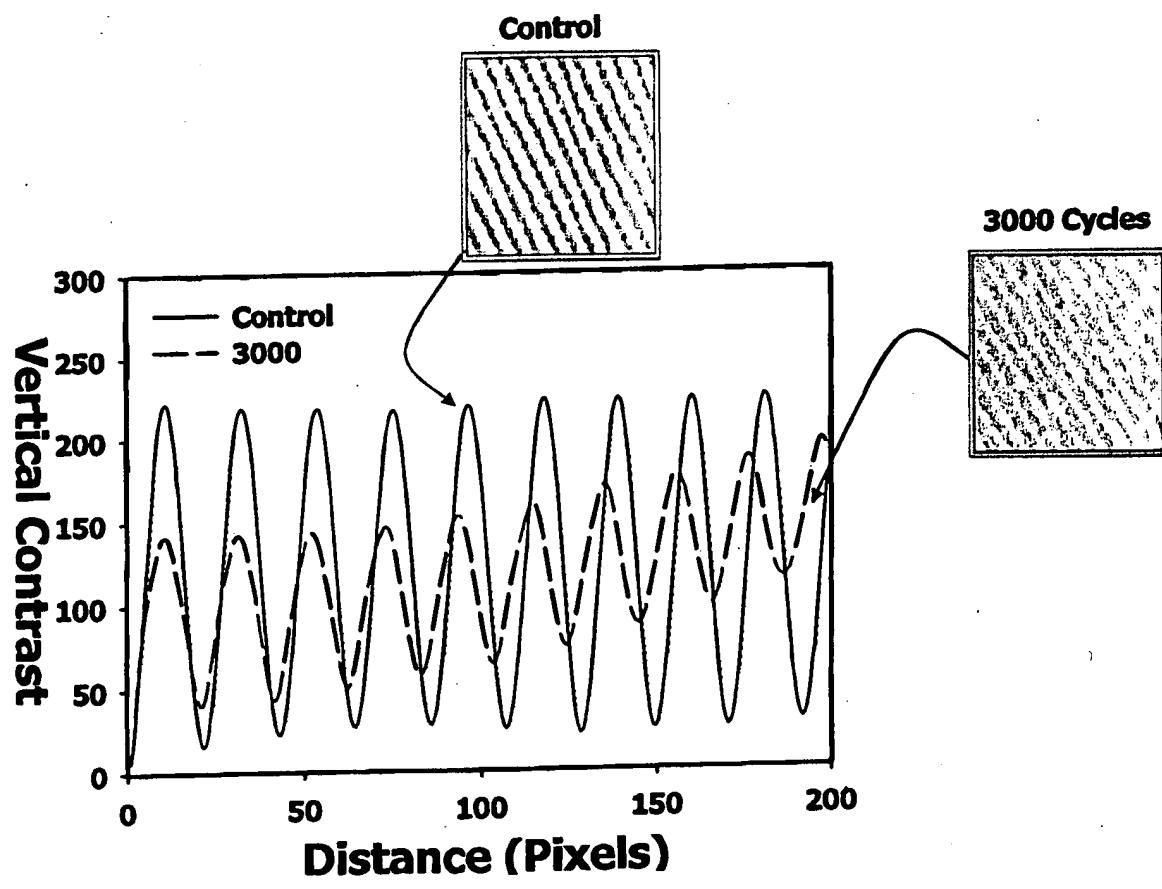


FIG. 24